

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/015390

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G05B19/042

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95/04314 A (FISHER-ROSEMOUNT SYSTEMS, INC) 9 February 1995 (1995-02-09) the whole document	1-46
X	US 5 926 177 A (HATANAKA ET AL) 20 July 1999 (1999-07-20) the whole document	1-46
A	US 2003/236576 A1 (RESNICK ROBERT M ET AL) 25 December 2003 (2003-12-25) the whole document	1-46

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 August 2005

Date of mailing of the international search report

16/09/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Vaño Gea, J

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/US2005/015390

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9504314	A	09-02-1995	US 5594858 A CN 1130430 A ,C DE 69426980 D1 DE 69426980 T2 EP 0711429 A1 JP 3537051 B2 JP 9500996 T SG 49878 A1 WO 9504314 A1	14-01-1997 04-09-1996 03-05-2001 15-11-2001 15-05-1996 14-06-2004 28-01-1997 15-06-1998 09-02-1995
US 5926177	A	20-07-1999	NONE	
US 2003236576	A1	25-12-2003	NONE	